

## ABSTRACT OF THE DISCLOSURE

A water supply method of a washing machine optimizes a washing performance by sufficiently supplying water according to an amount and type of laundry. The method includes steps of setting first and second water levels based on an amount and type of laundry in a washing machine; supplying water to the washing machine according to the set first water level; sensing a current water level to determine a degree of absorption of the water into the laundry during a predetermined time, the degree of absorption being determined by comparing the currently sensed water level to the second water level; re-supplying water to the washing machine to compensate for the degree of absorption; resetting the second water level according to a comparison of a water re-supply count to a predetermined value; and performing washing if the currently sensed water level is greater than the second water level. The resetting of the second water level is performed by increasing the set second water level if the water re-supply count is greater than the predetermined value.